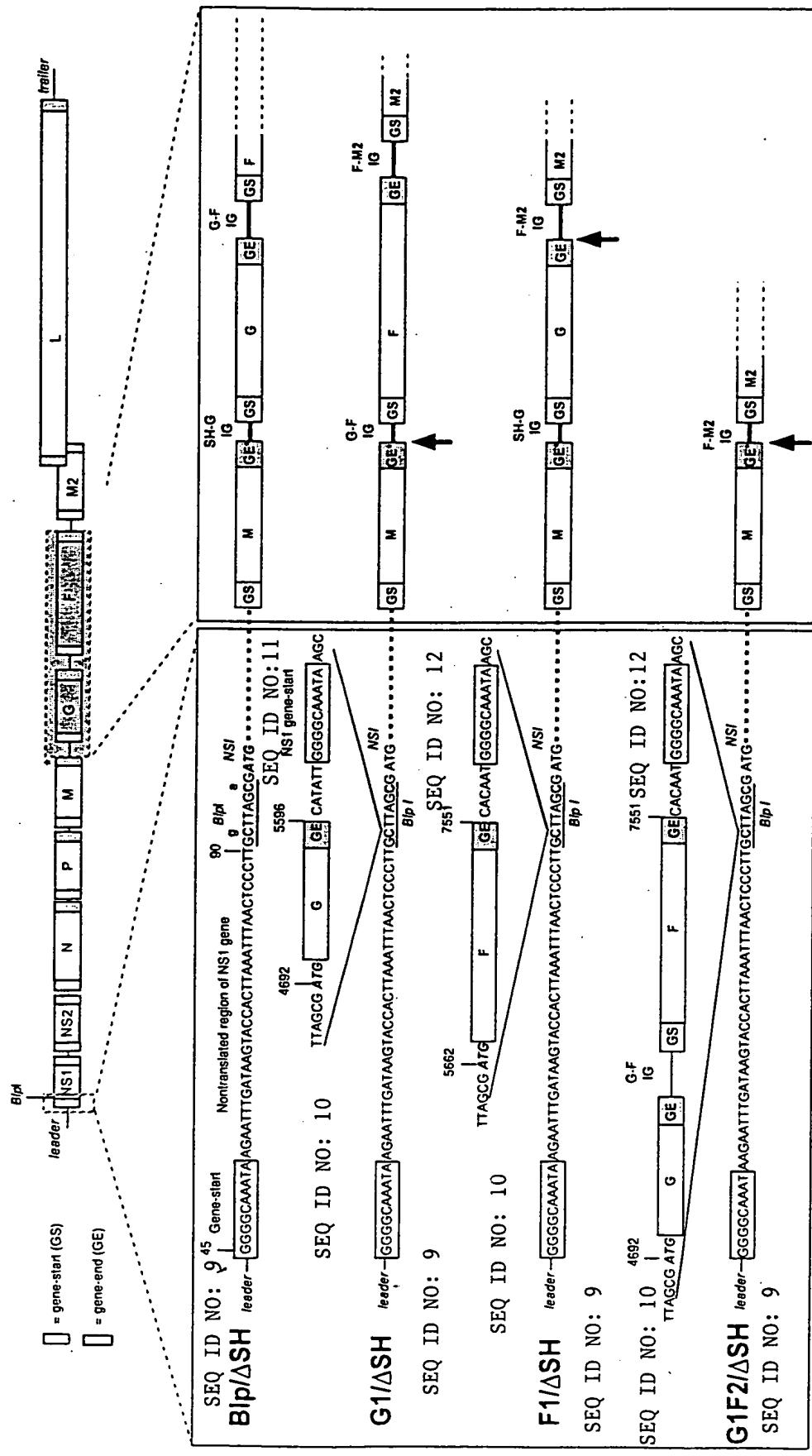


## RSV genome Blp/ $\Delta$ SH

**Figure 1** RSV genome



**Figure 2**

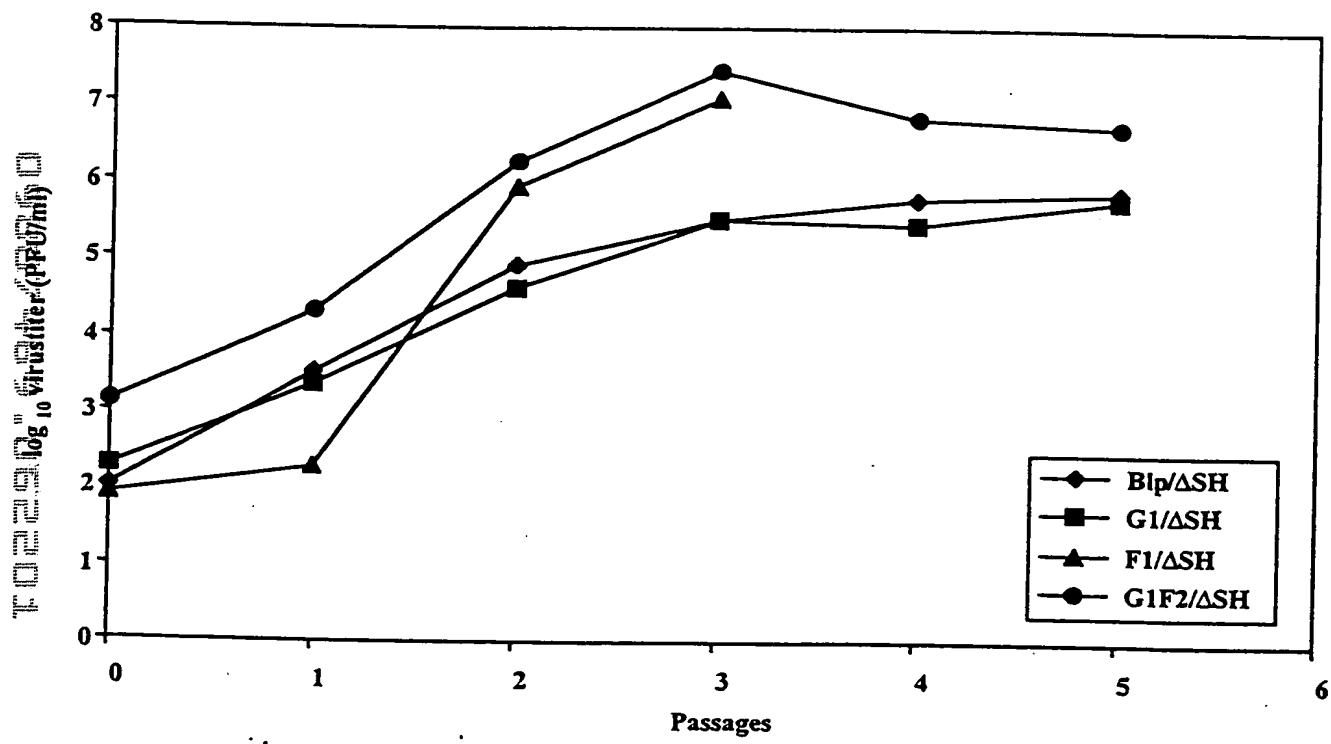


Figure 3A

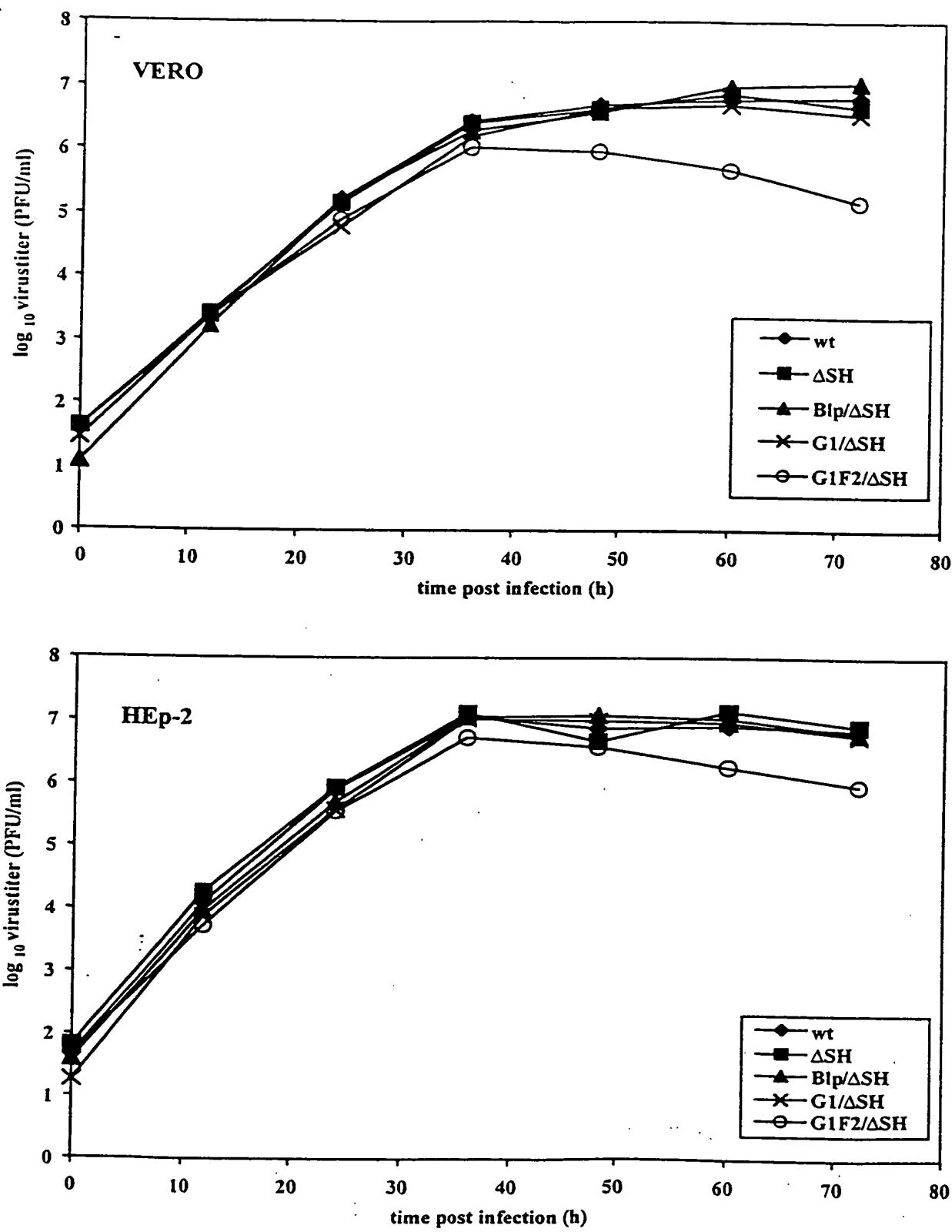
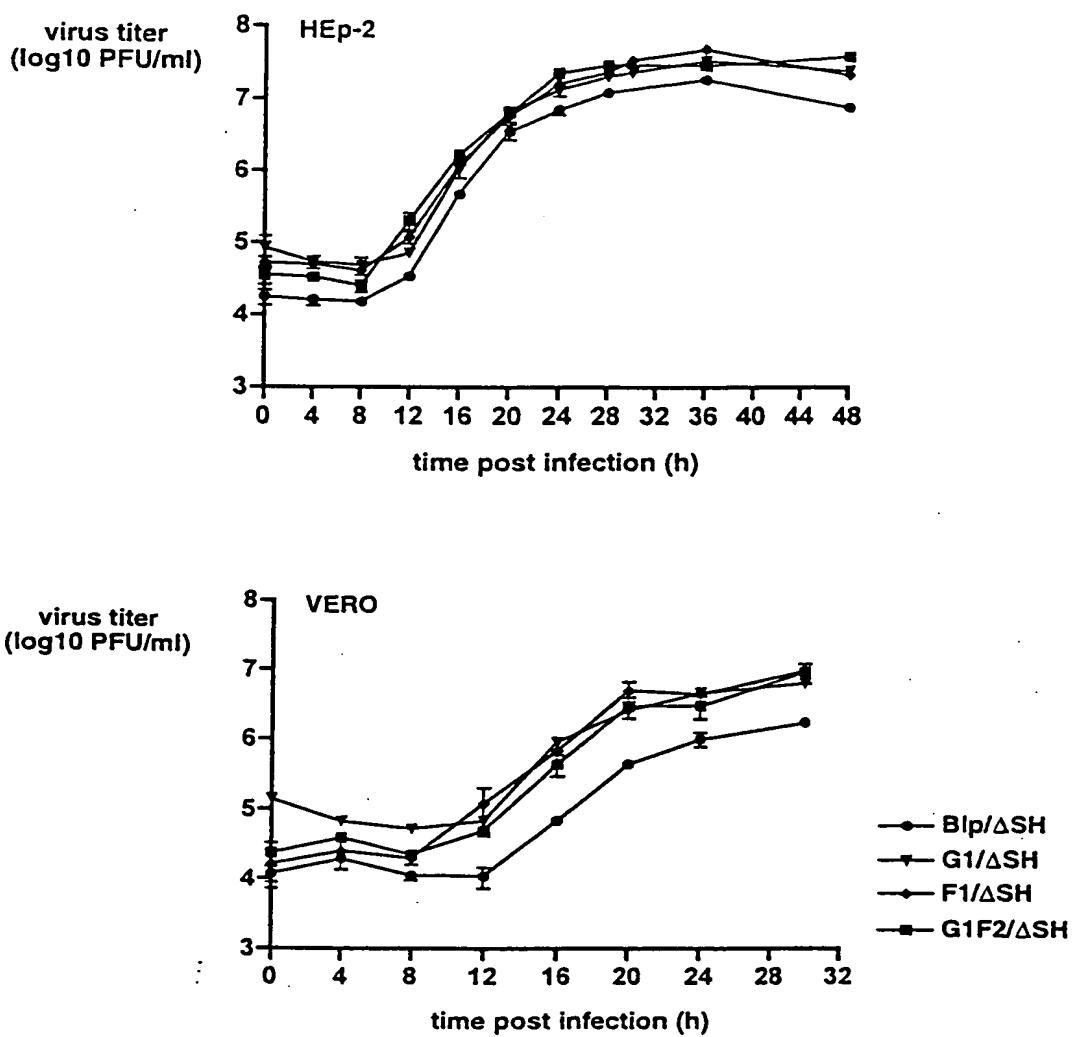
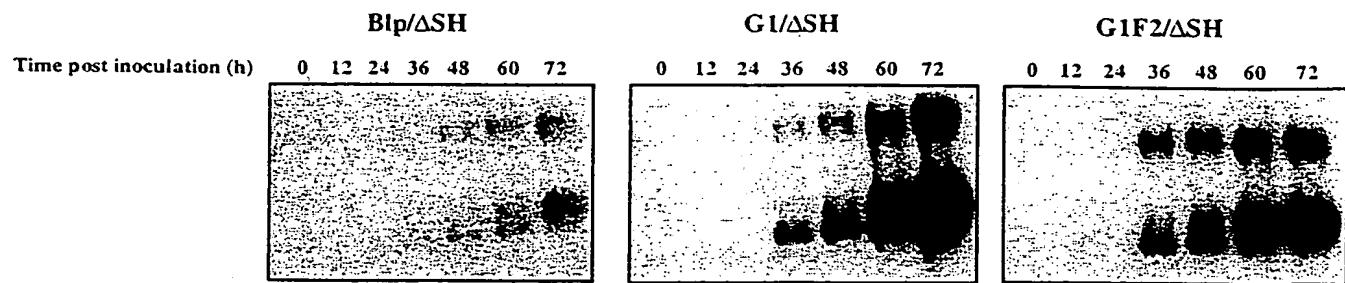


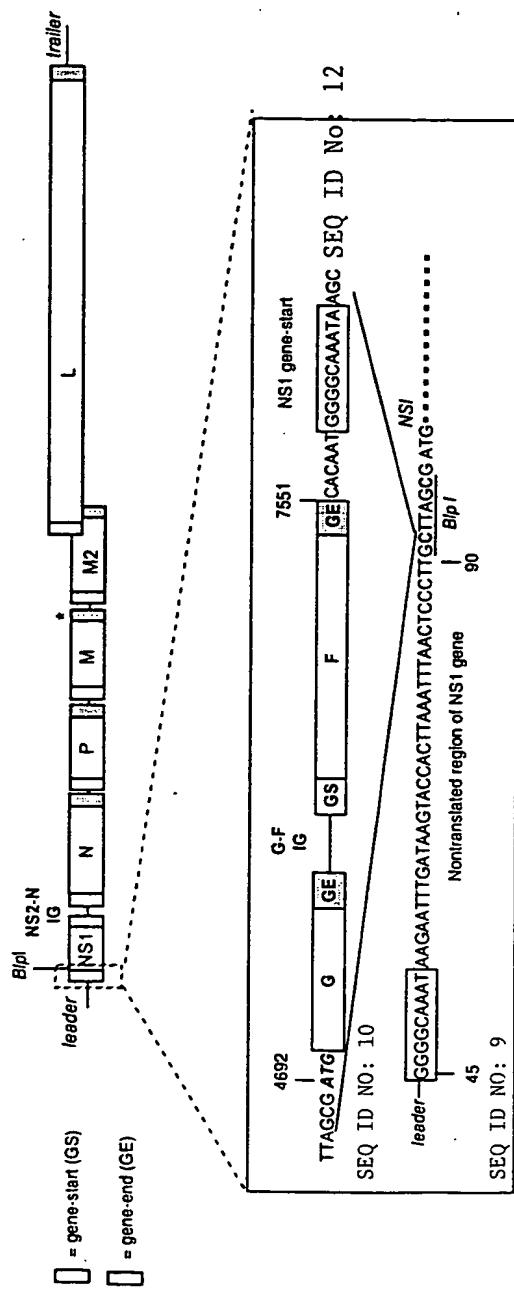
Figure 3B



**Figure 4**

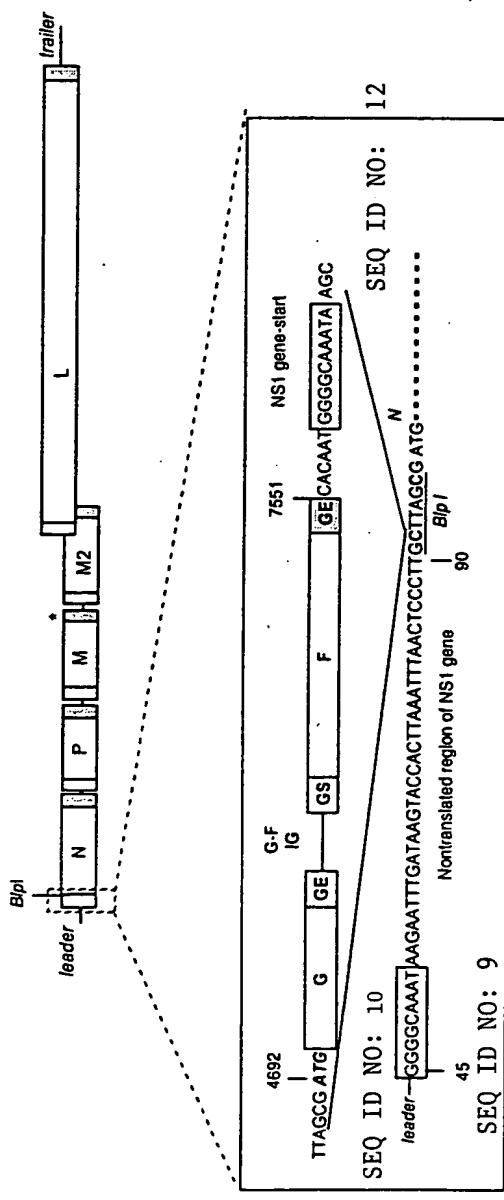


**Panel A. RSV genome G1F2/ΔNS2**

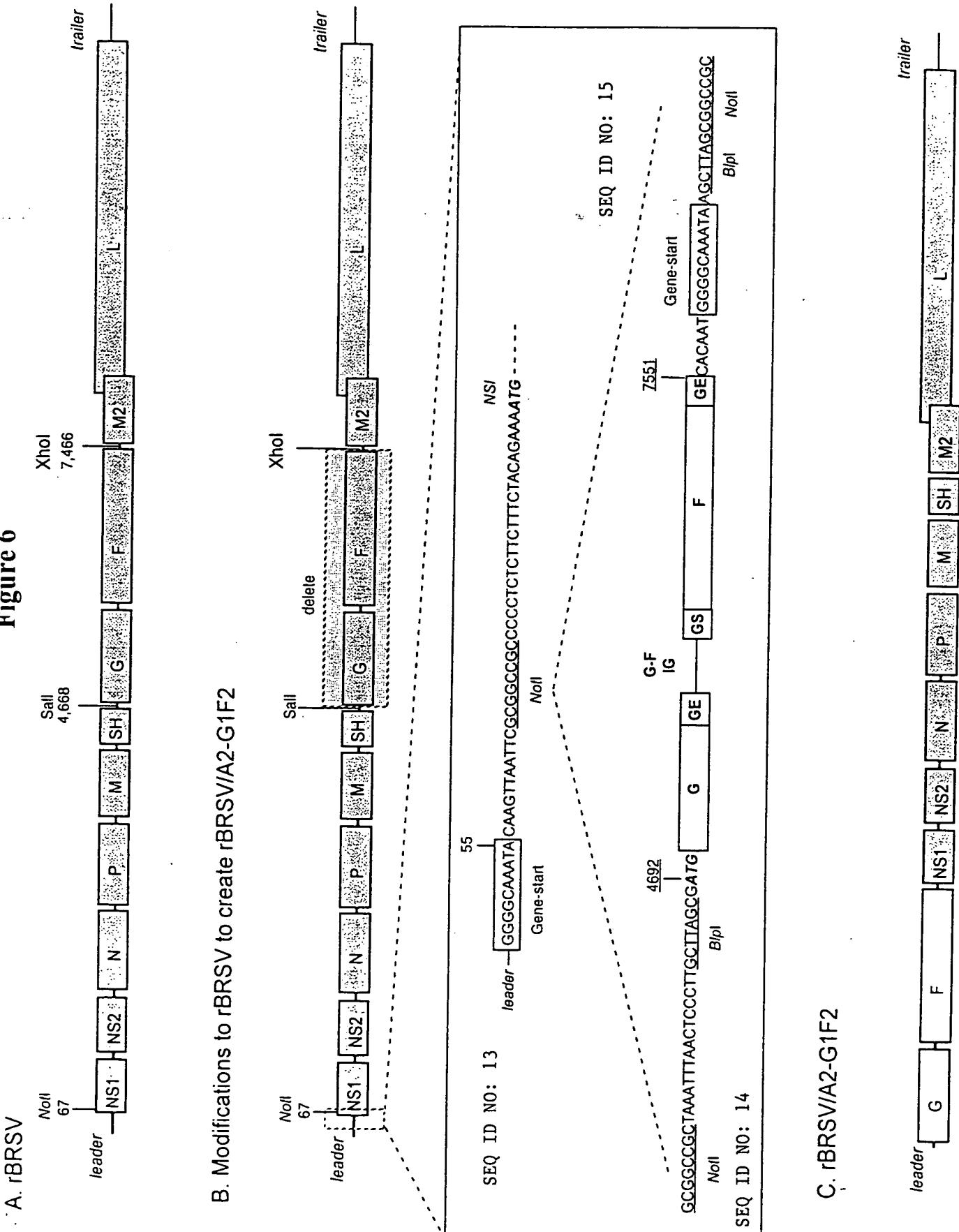


**Figure 5**

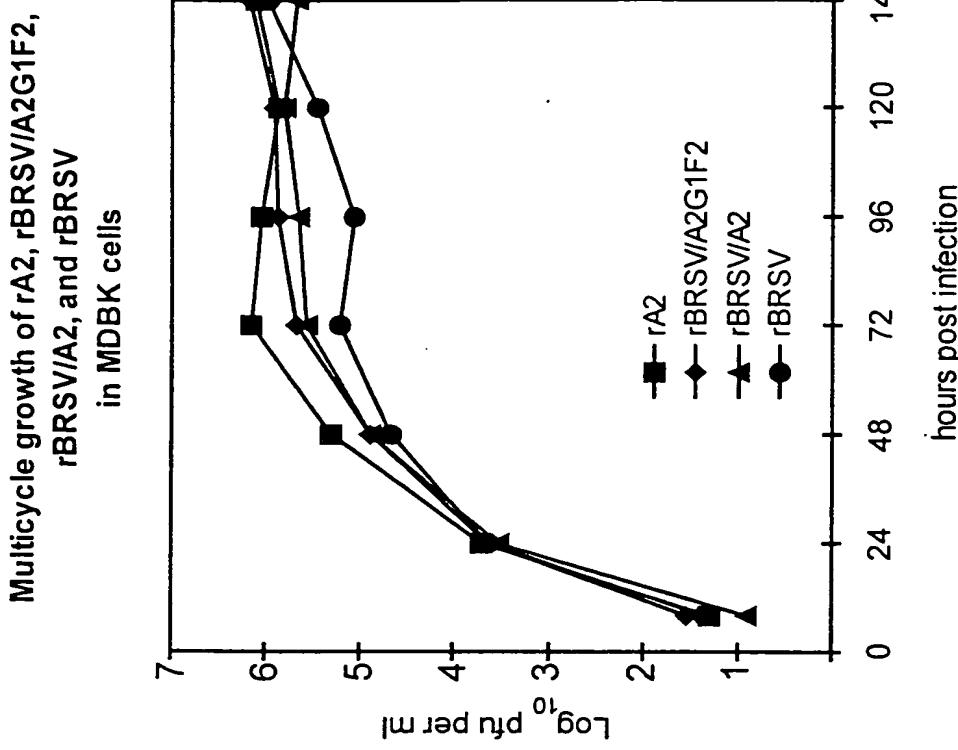
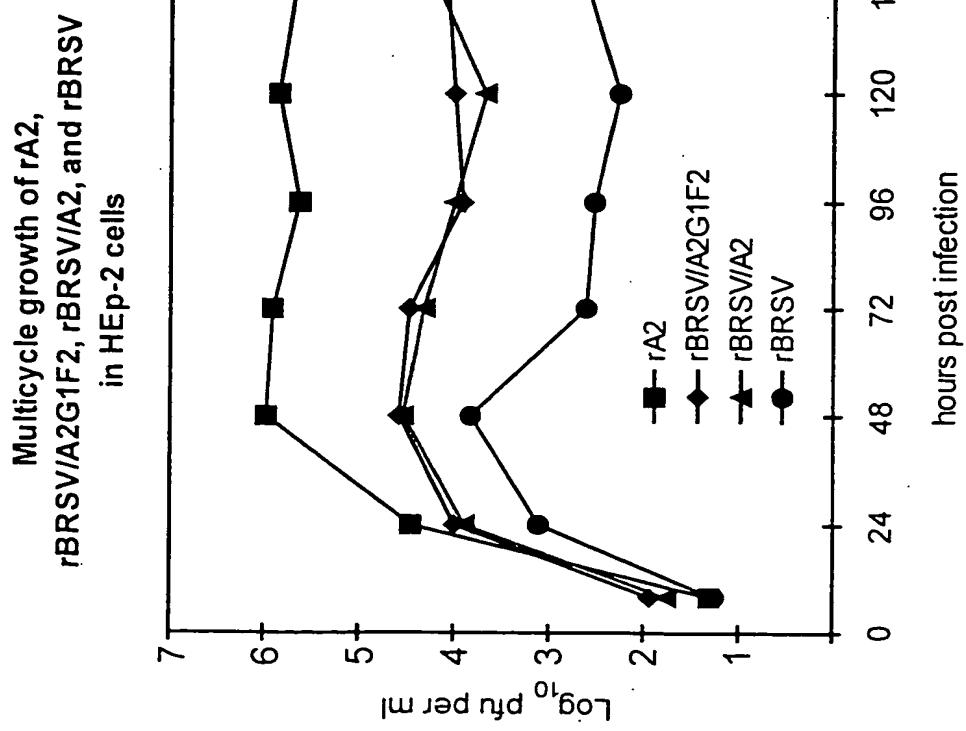
**Panel B. RSV genome G1F2/ΔNS1ΔNS2**



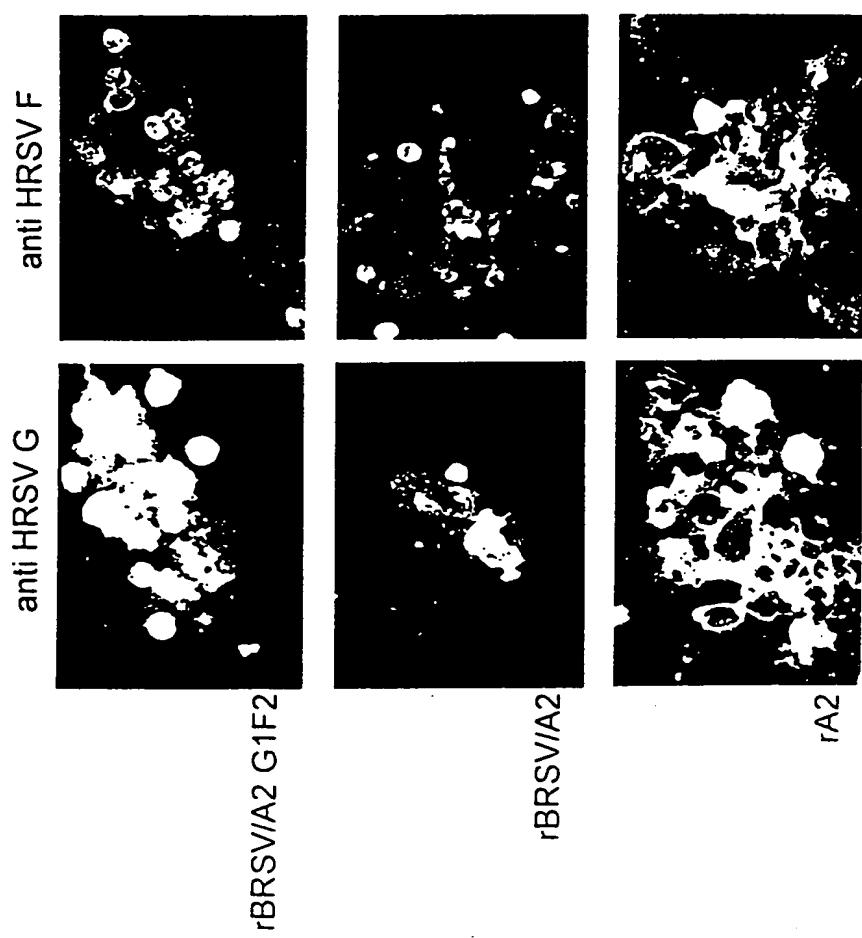
**Figure 6**



**Figure 7**



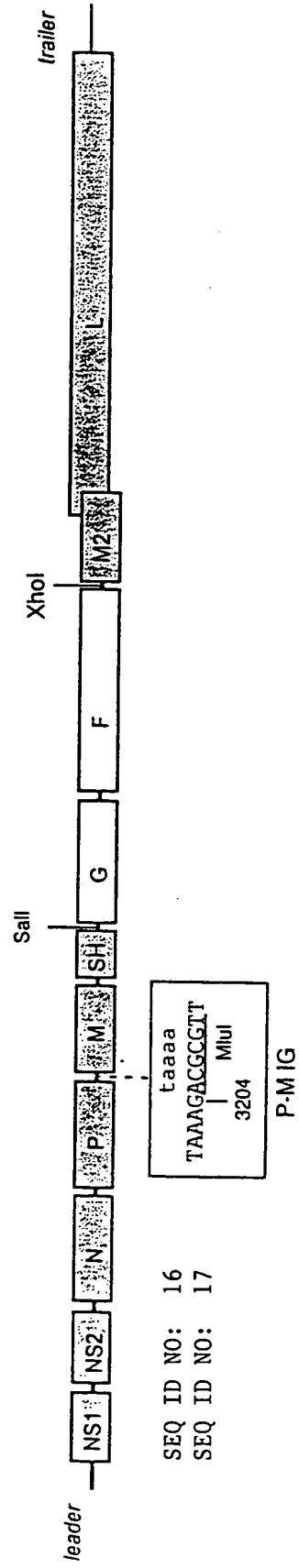
**Figure 8**



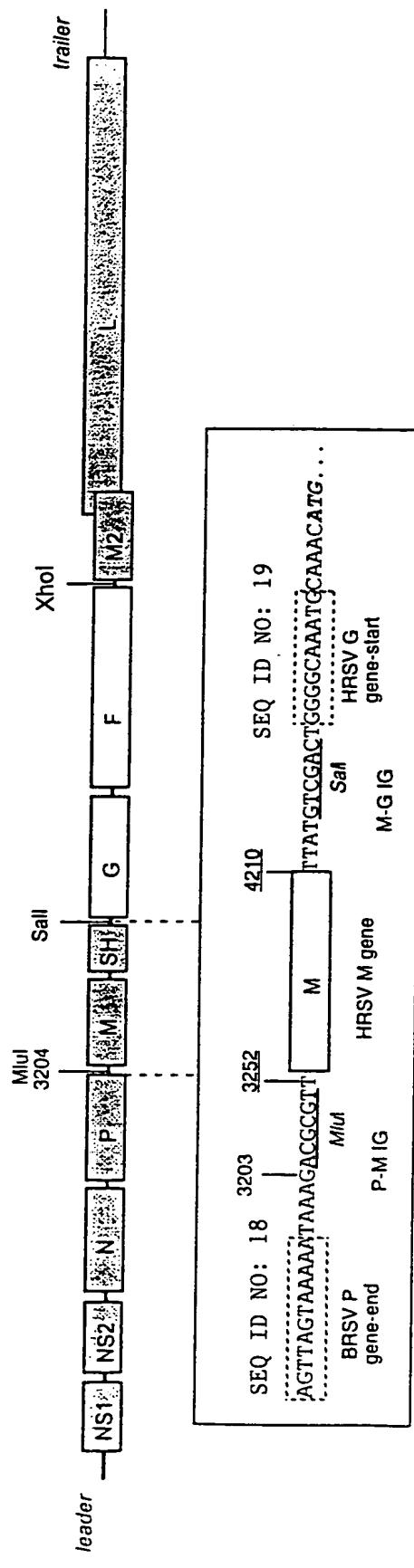
F D D D D D D D D D D

Figure 9

A. Insert MluI site into rBRSV/A2



B. Replace BRSV M and SH genes with HRSV M gene to create rBRSV/A2-MGF



C. Structure of rBRSV/A2-MGF

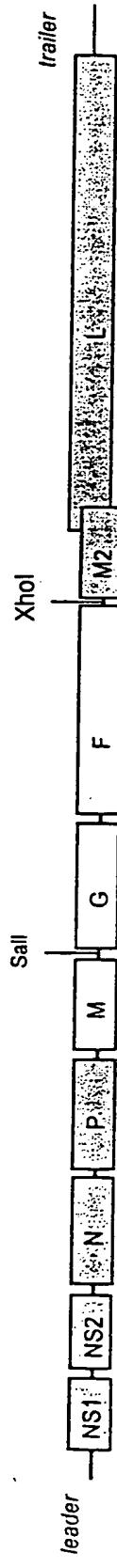


Figure 10 "Genetic Maps

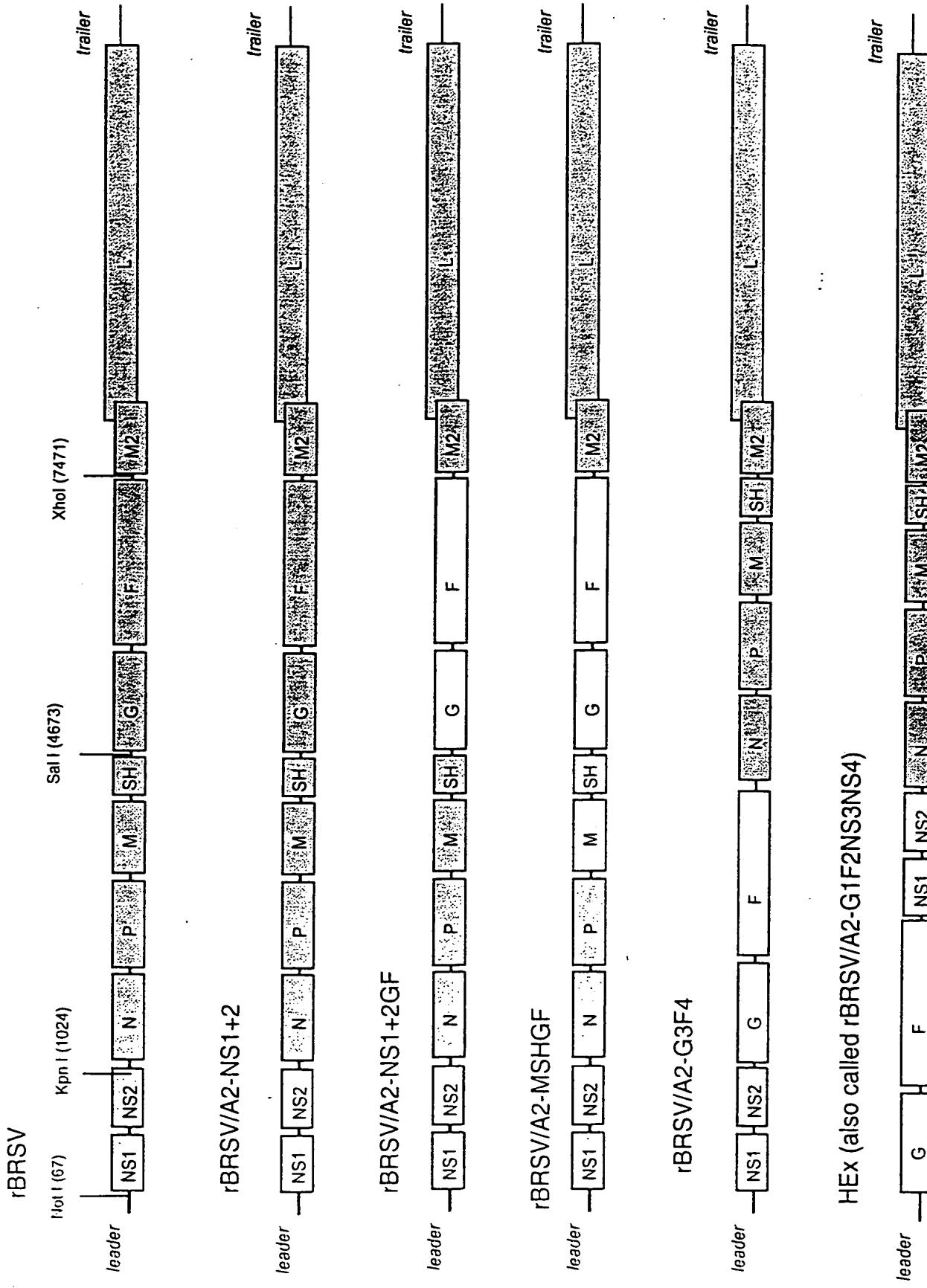


Figure 11

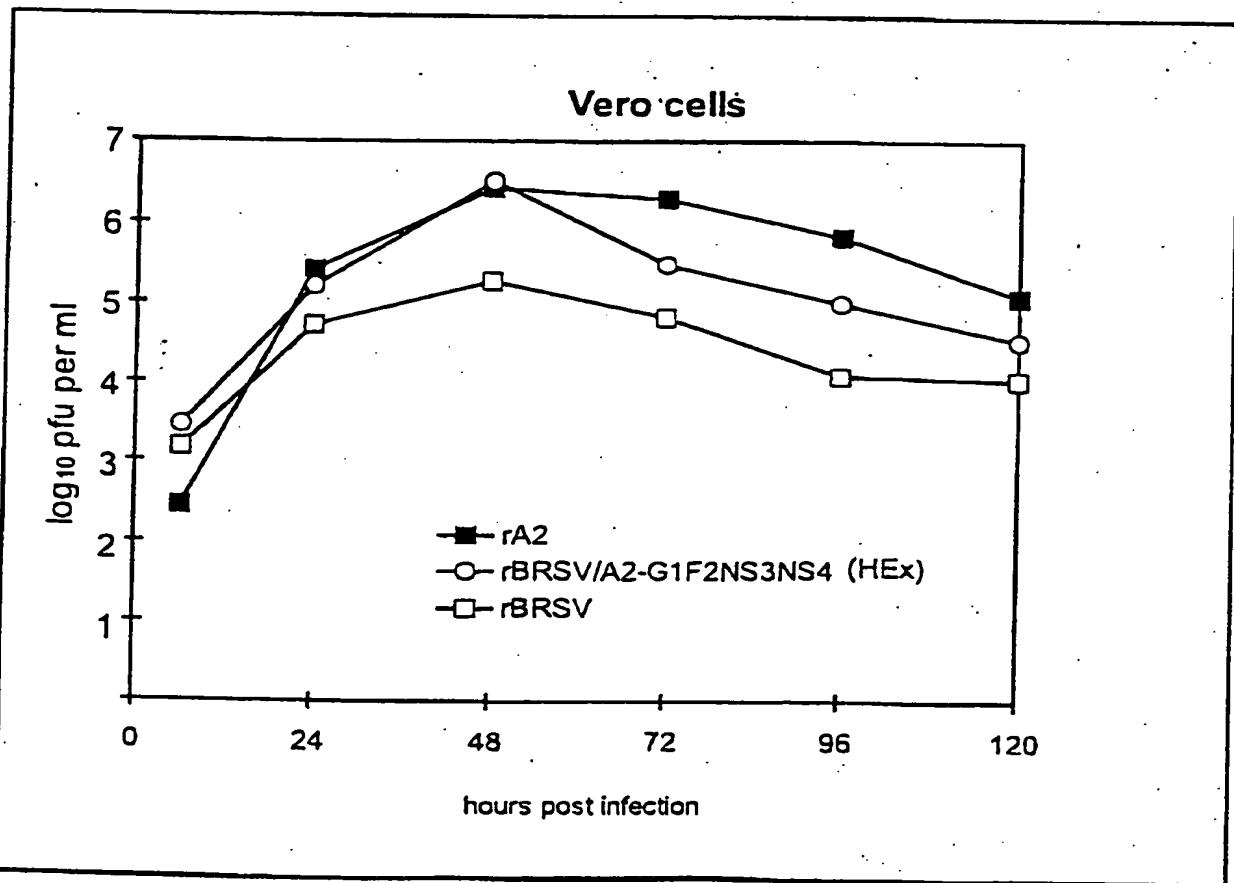
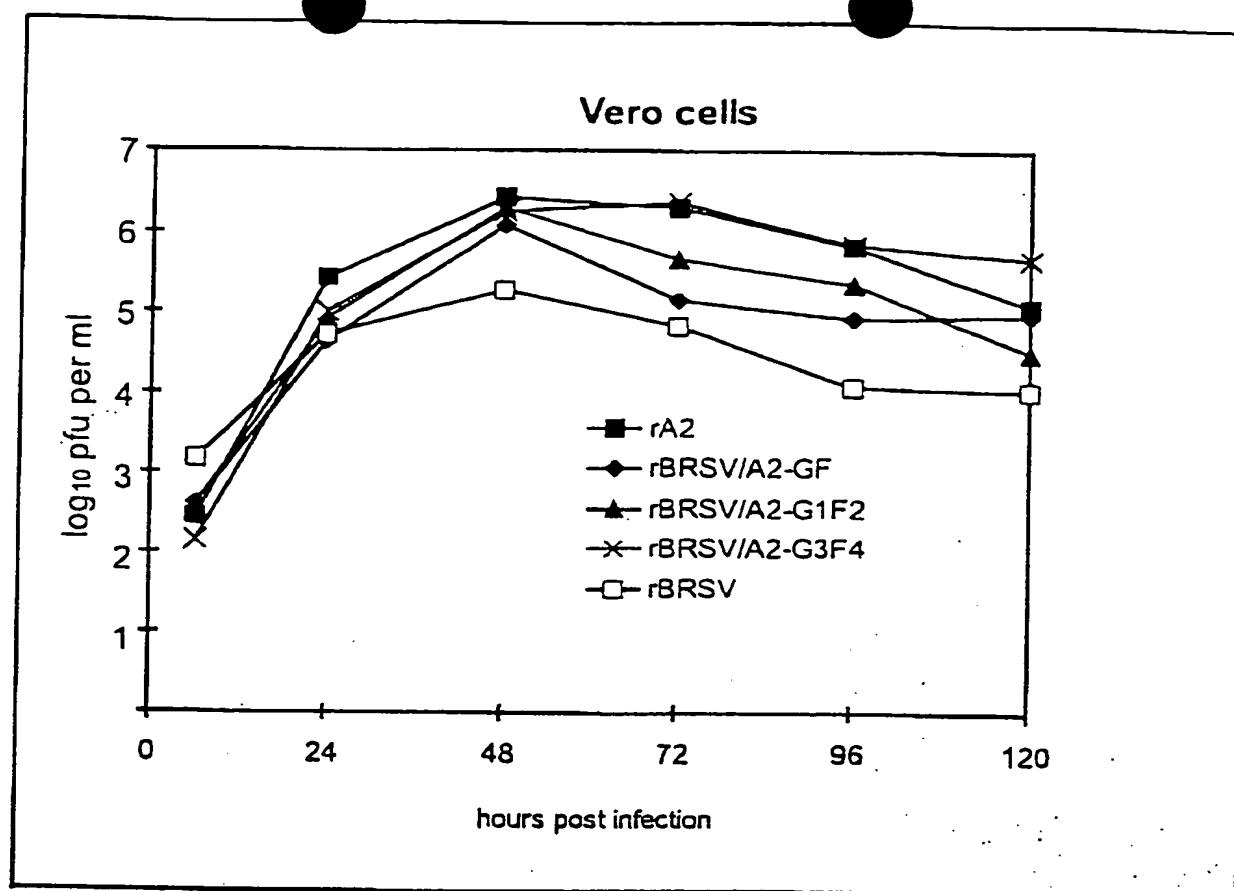


Figure 12

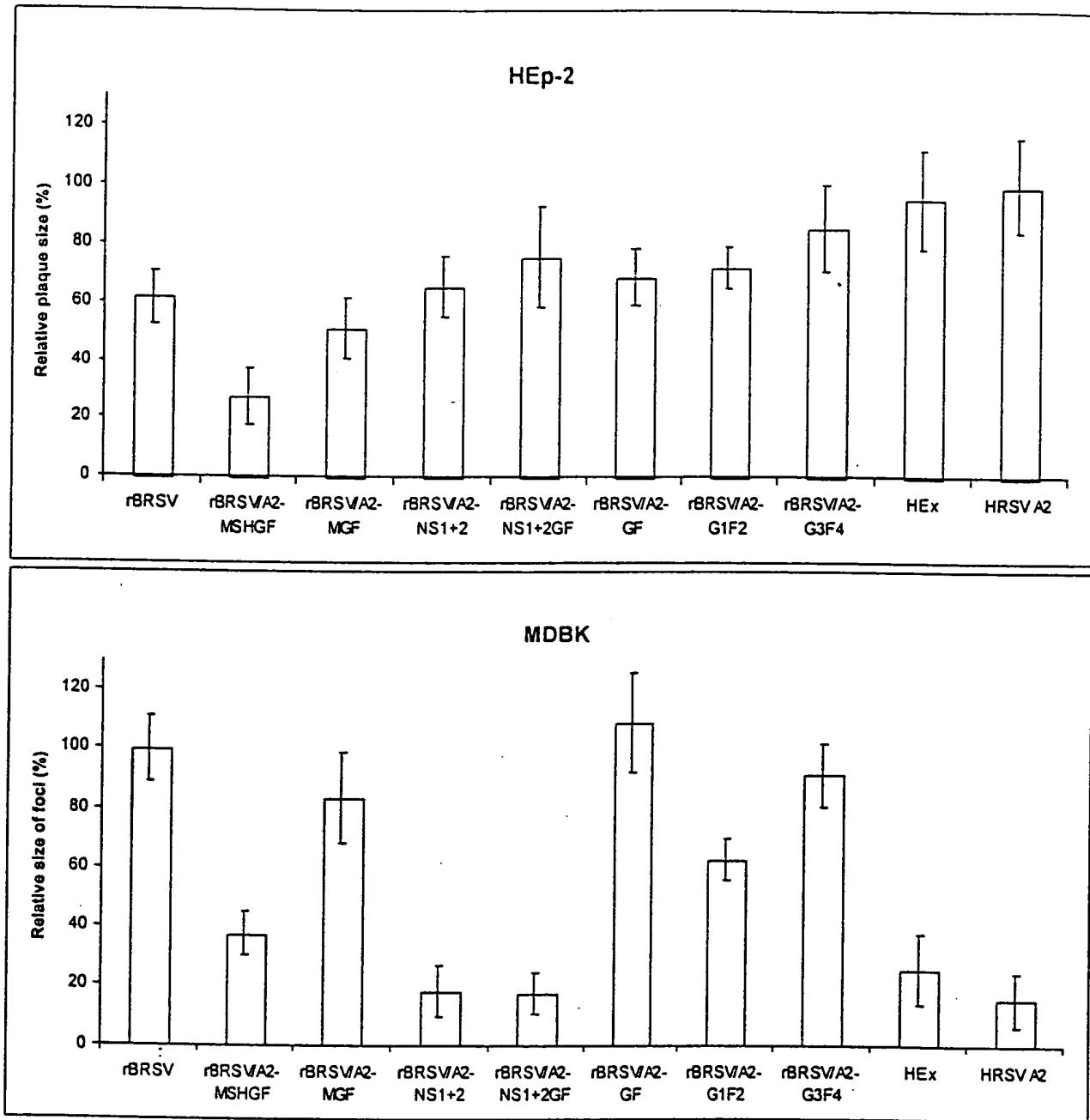


Figure 13A

rBRSV



rBRSV/A2-N



rBRSV/A2-P



rBRSV/A2-NP



Figure 12B (in 2360)

rBRSV/A2-NS1+2



rBRSV/A2-NS1+2N



rBRSV/A2-NS1+2P



rBRSV/A2-NS1+2NP



F D E E G T D " E 3 h 2 E E 6 D

Figure 14

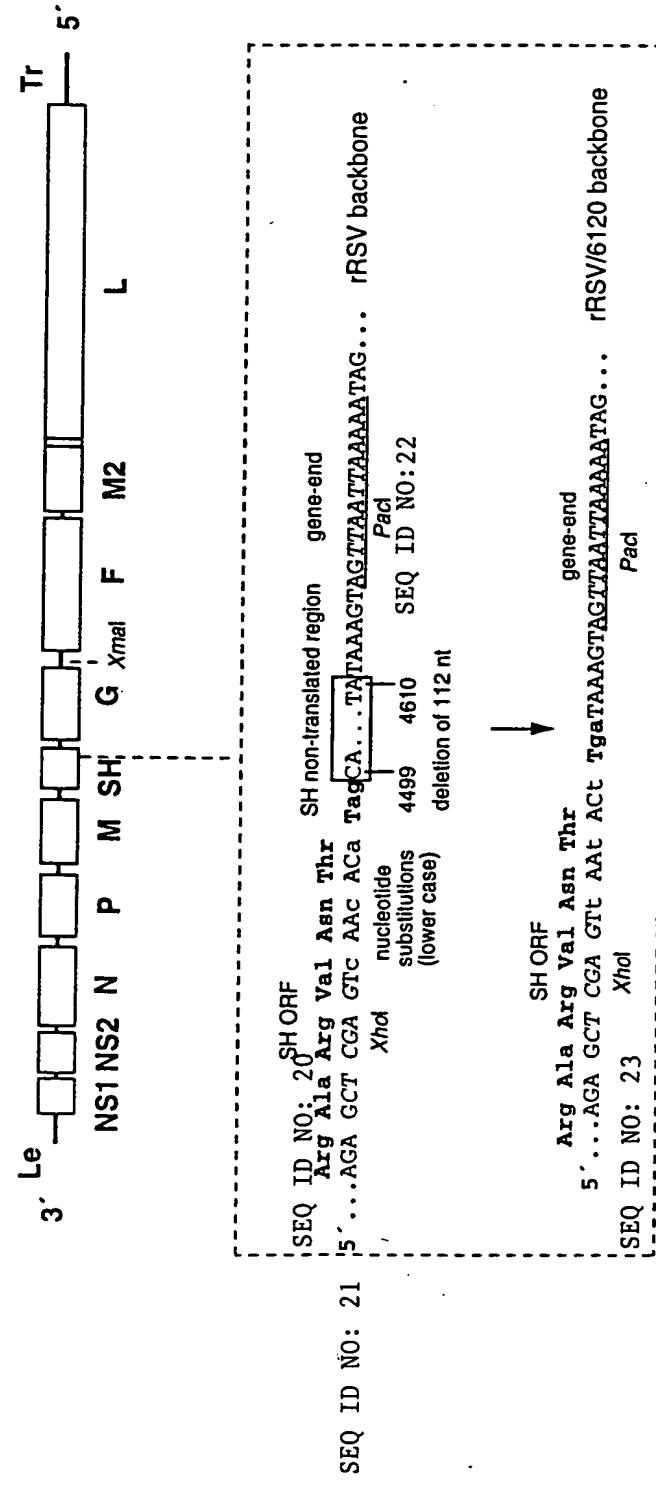


Figure 15A  
Multiple Step Growth Curve Experiment A

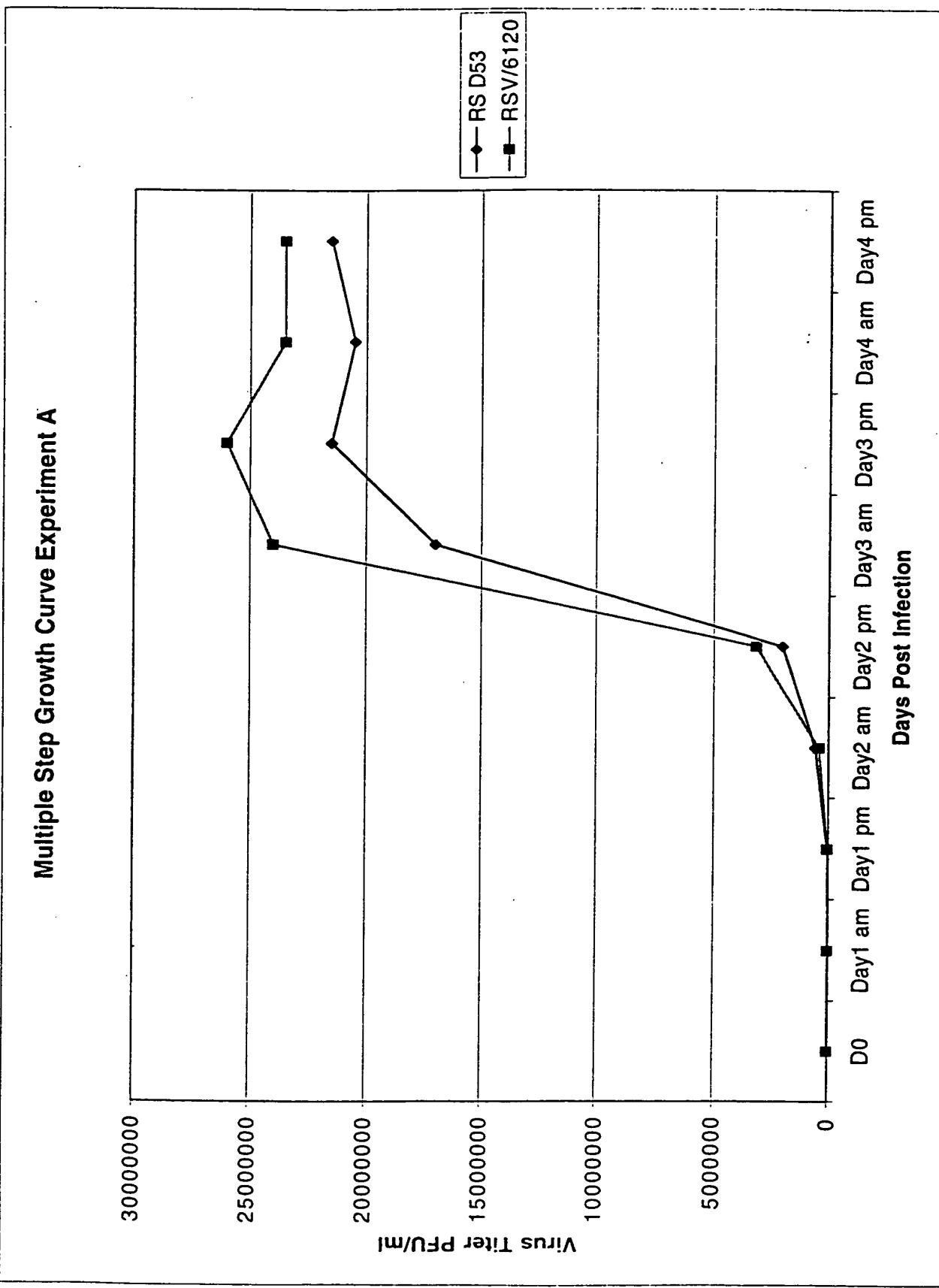


Figure 15B. Multiple Step Growth Curve Experiment B

**Multiple Step Growth Curve Experiment B**

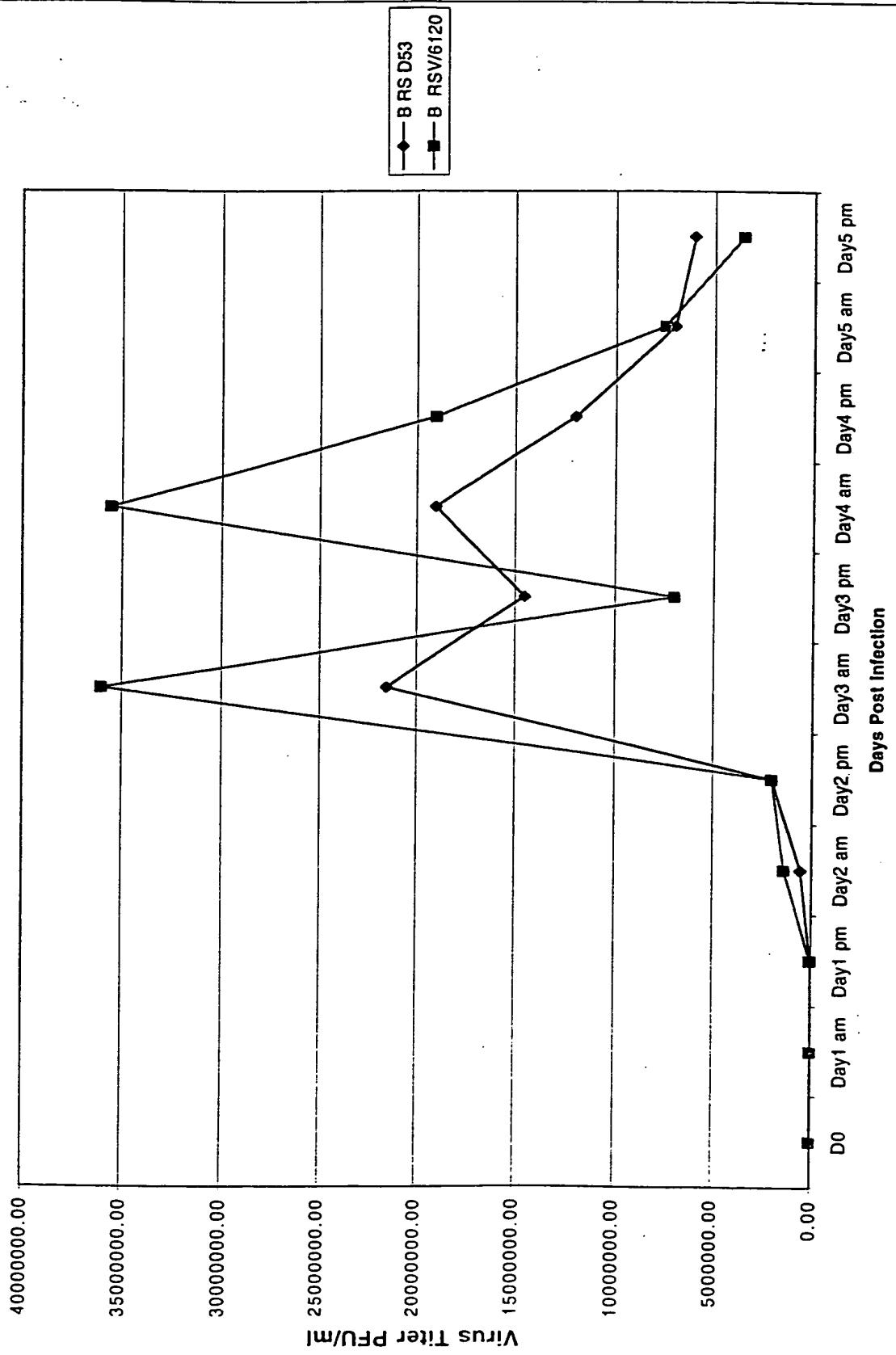


Figure 15C Growth Curves

### Multiple Step Growth Curve Experiment C

